## **AMENDMENTS TO THE SPECIFICATION:**

Please replace the chemical equation on page 6, lines 1-5, with the following:

$$\begin{array}{c|c} R_2-O\left(CH_2-CH_2-O\right)_n \\ \hline \\ R_3-O-(CH_2-CH_2-O)_n & P & OM_1 \\ \hline \\ O & \\ \end{array}$$

$$R_2-O\left(CH_2-CH_2-O\right)_n$$
 $R_3-O-(CH_2-CH_2-O)_n-P-OM_1$ 

Please replace the paragraph beginning on page 6, line 27, with the following amended paragraph:

The proportion of amphiphilic compound with respect to the titanium oxide is generally comprises between 2 and 10 molecules per nm<sup>2</sup> of titanium oxide surface area, assuming a surface area comprised between 10 and 80  $0^{12}$   $0^{12}$  per complexing head of titanium cation.

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Please insert the attached Abstract.